

RE

03-15-1999

SHEET

FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)



100983047

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Robert Koslawsky, Zvi Greenfield and
Alberto E. Sandbank
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Analog Devices, Inc.
Internal Address:
Street Address: One Technology Way, P. O. Box 9106
Norwood, Massachusetts 02062-9106
Additional name(s) & addresses(es) attached? Yes No

3. Nature of conveyance: 3-11-99
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: February 23, 1999

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is
A. Patent Application No.(s)
09/235,780
B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence
Concerning document should be mailed:
Name: Randy J. Pritzker
Address: WOLF, GREENFIELD & SACKS, P.C.
Federal Reserve Plaza
600 Atlantic Avenue
Boston, MA 02210

6. Total number of applications and patents involved: **[1]**
7. Total fee (37 CFR 3.41).....\$ 40.00
 Enclosed
 Authorized to be charged to deposit account
The Commissioner is authorized to charge:
8. Deposit Account No: 23/2825

03/15/1999 DNGUYEN 00000062 09235780

01 FC:581 40.00 DP DO NOT USE THIS SPACE **40E**

9. Statement and signature
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
Randy J. Pritzker Randy J. Pritzker 3/8/99
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: **[2]**

Mail documents to be recorded with required cover sheet information to:
Box Assignment, Commissioner of Patents and Trademarks,
Washington, D.C. 20231

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned **Robert Koslawsky**, Hachayot 4 Street, Ramat-Hashron, 47214, ISRAEL; **Zvi Greenfield**, 5 Rivka Goober Street, Ksirsava 44471 Israel; and **Alberto E. Sandbank**, Wingate 8b Street, Zichron-Yaakov 30900, Israel, hereby

Sell, assign and transfer to **Analog Devices, Inc.**, a Massachusetts corporation having a place of business at One Technology Way, P.O. Box 9106, Norwood, Massachusetts 02062-9106, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on under Serial No. Not Yet Assigned and entitled **DRAM REFRESH MONITORING AND CYCLE ACCURATE DISTRIBUTED BUS ARBITRATION IN A MULTI-PROCESSING ENVIRONMENT**, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.


We agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

We hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

We covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

FEB . 23 . 1999
Date



ROBERT KOSLAWSKY

Witness: 

Date: Feb 23, 1999

FEB 23 1999
Date


ZVI GREENFIELD

Witness: 

Date: Feb 23, 1999

FEB 23, 1999
Date


ALBERTO E. SANDBANK

Witness: 

Date: Feb 23, 1999

A check in the amount of \$40.00 is enclosed. If the fee is insufficient, the balance may be charged to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,

Randy J. Pritzker

Randy J. Pritzker

Reg. No. 35,986

Wolf, Greenfield & Sacks, P.C.

600 Atlantic Avenue

Boston, MA 02210-2211

(617)720-3500

Date: March 8, 1999

XNDD

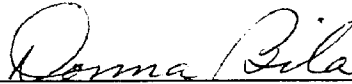
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Robert Koslawsky, Zvi Greenfield and Alberto E. Sandbank
Serial No: 09/235,780
Filed: January 22, 1999
For: DRAM REFRESH MONITORING AND CYCLE ACCURATE
DISTRIBUTED BUS ARBITRATION IN A MULTI-PROCESSING
ENVIRONMENT

Examiner: ----
Art Unit: 2782

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Box Assignment, Commissioner of Patents and Trademarks, Washington, D.C. 20231 on the 8th day of March 1999.



Donna Bila

BOX ASSIGNMENT
COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith is/are the following document(s):

- Assignment of the Invention to Analog Devices, Inc.
- Patent Assignment Recordation Form Cover Sheet (Form PTO-1595)
- Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617)720-3500, Boston, Massachusetts.

A check in the amount of \$40.00 is enclosed. If the fee is insufficient, the balance may be charged to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,

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